



DR. Y.S. PARMAR UNIVERSITY OF HORTICULTURE  
AND FORESTRY, NAUNI, SOLAN (HP)

Pharmacist (Post Code - 302)

Series -B

Roll No. \_\_\_\_\_  
Date: 17.09.2021

Question Booklet No. 10026  
Time Allowed : 1½ hr  
Maximum Marks : 85

**NOTE:** Read the following instructions carefully before attempting the questions. Candidate should remove the sticker seal and open this booklet **ONLY** after announcement by Centre Superintendent and should thereafter check and ensure that this booklet contains all the 9 pages and one blank sheet for rough work.

1. Fill in the Roll No. in the Question Booklet.
2. The Question Booklet contains 85 questions which are numbered as 1, 2 3,----- 84, 85. The question paper contains two sections. Section -I (General Knowledge Q. No. 1-25) and Section -II (Q. No. 26-85).
3. Before attempting the question paper go through the Question Booklet carefully and report the discrepancy, if any, regarding the missing pages/misprinting to the Invigilator.
4. Fill in the Name, Roll No. (in words and numerals), Question Booklet No., Question Booklet Series, Post Code, Subject Code (if any), Date of Examination, Name of Examination Centre, and Signatures in the appropriate boxes in OMR Answer Sheet.
5. Do not fold the OMR Answer Sheet and no stray marks should be made on it.
6. Each question has four options. Indicate the response to the questions by darkening the appropriate circles properly in the OMR Answer Sheet with blue/black ball point pen only.
7. A correct answer carries one mark and there will be negative marking for incorrect answers for all questions. For each question with a wrong answer, one fourth (0.25) of the marks assigned to that question will be deducted as penalty. If more than one answer is given for the single question, it will be treated as wrong answer even if one of the given answers happen to be correct and there will be the same penalty as for wrong answer. If a question is left blank, no answer is given; there will be no marking for that question.
8. For rough work, use the blank sheet provided in the Question Booklet at the end.
9. Use of calculator, log table and mobile phone is not permitted in the examination hall.
10. The candidates will not be allowed to leave the hall before completion of the examination.

**Section - I (General Knowledge Q. No. 1-25)**

1. Nalwari cattle fair is celebrated in which of the following district?

A. Una B. Bilaspur.  
C. Shimla D. Chamba

नलवाड़ी पशु मेला निम्नलिखित में से किस जिले में मनाया जाता है?

A. ऊना B. विलासपुर  
C. शिमला D. चंबा

2. After the partition of India, famous Bollywood actor Prem Chopra moved to which of the following place?

A. Dharamshala B. Mandi  
C. Shimla, D. Manali

भारत के विभाजन के बाद, प्रसिद्ध बॉलीवुड अभिनेता प्रेम चोपड़ा निम्नलिखित में से किस स्थान पर चले गए?

A. धर्मशाला B. मंडी  
C. शिमला D. मनाली

3. Who was recently honoured with Padam Shri from Hamirpur for making miniatures in bottles with bamboo sticks?

A. Vijay Kumar Sonkhle B. Vikram Sonkhle  
C. Kartar Singh Sonkhle D. Sunita Sonkhle

हाल ही में हमीरपुर के पद्म श्री से किसे बोतलों में बांस की छड़ियों से लघु चित्र बनाने के लिए सम्मानित किया गया?

A. विजय कुमार सोंखले B. विक्रम सोंखले  
C. करतार सिंह सोंखले D. सुनीता सोंखले

4. Himachal became a union territory on

A. November 1, 1956 B. May 1, 1960  
C. January 26, 1950 D. April 25, 1971

हिमाचल एक केंद्र शासित प्रदेश बना

A. 1 नवंबर 1956 B. 1 मई 1960  
C. 26 जनवरी 1950 D. 25 अप्रैल 1971

5. Which one of the following is the biggest natural lake in HP ?

A. Renuka B. Rewalsar  
C. Khajjiar D. Bhruu

निम्नलिखित में से कौन हिमाचल प्रदेश की सबसे बड़ी प्राकृतिक झील है ?

A. रेणुका B. रिवालसर  
C. खजियार D. भृगु

6. Suket princely state was founded by

A. Vira Sen B. Giri Sen  
C. Ajbar Sen D. Bahu Sen

सुकेत रियासत की स्थापना किसके द्वारा की गई थी?

A. वीर सेन B. गिरी सेन  
C. अजबर सेन D. बाहु सेन

7. Which is popularly known as the Peach Bowl of Asia?  
 A. Rajgarh B. Nalagarh  
 C. Sujapur D. Fatehpur  
 एशिया का पीच बाउल किसे कहा जाता है?  
 A. राजगढ़ B. नालागढ़  
 C. सुजानपुर D. फतेहपुर
8. Who appoints Attorney General of India?  
 A. Chief Justice of Supreme Court B. Parliament  
 C. Law Minister D. President  
 भारत के महान्यायवादी की नियुक्ति कौन करता है ?  
 A. सुप्रीम कोर्ट के मुख्य न्यायाधीश B. संसद  
 C. कानून मंत्री D. राष्ट्रपति
9. What is the currency of Germany?  
 A. Lira B. Euro  
 C. Pound Sterling D. Yen  
 जर्मनी की मुद्रा क्या है?  
 A. लीरा B. यूरो  
 C. पाउंड स्टर्लिंग D. येन
10. Which one is the largest state by area in India?  
 A. Madhya Pradesh B. Uttar Pradesh  
 C. Rajasthan D. Maharashtra  
 भारत में क्षेत्रफल की दृष्टि से सबसे बड़ा राज्य कौन सा है ?  
 A. मध्य प्रदेश B. उत्तर प्रदेश  
 C. राजस्थान D. महाराष्ट्र
11. Dassault Rafale Aircraft are made in which of the following country?  
 A. Russia B. England  
 C. France D. USA  
 डसॉल्ट राफेल विमान निम्नलिखित में से किस देश में बने हैं ?  
 A. रूस B. इंग्लैंड  
 C. फ्रांस D. अमेरिका
12. Which country gets the most snow on earth?  
 A. Russia B. England  
 C. Japan D. USA  
 पृथ्वी पर सबसे अधिक हिमपात किस देश में होता है ?  
 A. रूस B. इंग्लैंड  
 C. जापान D. अमेरिका
13. Who won the Nobel Peace Prize in 2020?  
 A. UNICEF B. UNESCO  
 C. UNWFP D. None of these  
 2020 में नोबेल शांति पुरस्कार किसने जीता?  
 A. यूनिसेफ B. यूनेस्को  
 C. यूएनडब्ल्यूएफपी D. इनमें से कोई नहीं



14. Who is the Chief minister of Uttarakhand?  
A. Trivendra Singh Rawat  
B. Pushkar Singh Dhami  
C. Harish Rawat  
D. None of these

उत्तराखंड के मुख्यमंत्री कौन हैं?

- A. त्रिवेन्द्र सिंह रावत  
B. पुष्कर सिंह धामी  
C. हरीश रावत  
D. इनमें से कोई नहीं

15. Who is the Secretary general of United Nations?  
A. Kofi Annan  
B. Joe Biden  
C. Antonio Guterres  
D. Narendra Modi

संयुक्त राष्ट्र संघ का महासचिव कौन है?

- A. कोफी अन्नान  
B. जो बिडेन  
C. एंटोनियो गुटेरेस  
D. नरेंद्र मोदी

16. Which country has the World's largest oil reserve?  
A. Saudi Arabia  
B. Venezuela  
C. Iran  
D. Iraq

विश्व का सबसे बड़ा तेल भंडार किस देश में है?

- A. सऊदी अरब  
B. वेनेजुएला  
C. ईरान  
D. इराक

17. The venue of the 2024 Olympic will be  
A. Beijing  
B. Tokyo  
C. Paris  
D. Delhi

2024 के ओलंपिक का स्थल होगा

- A. बीजिंग  
B. टोक्यो  
C. पेरिस  
D. दिल्ली

18. Bir Billing is famous for what in Kangra district?  
A. Hang gliding  
B. Ice skating  
C. Tracking  
D. Skiing

कांगड़ा जिले में बीर बिलिंग किस लिए प्रसिद्ध है?

- A. हैंग ग्लाइडिंग  
B. आइस स्केटिंग  
C. ट्रैकिंग  
D. स्कीइंग

19. Vijay Kumar is associated with which sport?  
A. Shooting  
B. Boxing  
C. Hockey  
D. Volleyball

विजय कुमार का संबंध किस खेल से है?

- A. शूटिंग  
B. बॉक्सिंग  
C. हॉकी  
D. वॉलीबॉल

20. Which pass lies between Lahaul and Ladakh?  
A. Baralacha B. Kunzum  
C. Kungati D. Rohtang  
लाहौल और लद्दाख के बीच कौन सा दर्रा स्थित है?

A. बरालाचा B. कुंजुम  
C. कुंगती D. रोहतांग

21. Where Vashishtha hot water spring is located?  
A. Sirmour B. Mandi  
C. Kullu D. Kangra  
वशिष्ठ गर्म पानी का झरना कहाँ स्थित है?

A. सिरमौर B. मंडी  
C. कुल्लू D. कांगड़ा

22. Kibber village is situated in which of the following Valley?  
A. Baspa B. Spiti  
C. Kullu D. Hangrang  
किब्बर गाँव निम्नलिखित में से किस घाटी में स्थित है?

A. बसपा B. स्पीति  
C. कुल्लू D. हंगरंग

23. Which of the following is not the tributary of Beas river?  
A. Tirthan river B. Uhal river  
C. Parvati river D. Pabbar river  
निम्नलिखित में से कौन ब्यास नदी की सहायक नदी नहीं है?

A. तीर्थन नदी B. उहल नदी  
C. पार्वती नदी D. पब्बर नदी

24. In which district of Himachal Pradesh 'Sui Mela' is celebrated?  
A. Chamba B. Kangra  
C. Sirmaur D. Shimla  
हिमाचल प्रदेश के किस जिले में 'सुई मेला' मनाया जाता है?

A. चंबा B. कांगड़ा  
C. सिरमौर D. शिमला

25. Kinnaur was a part of erstwhile which tehsil of Mahasu district?  
A. Pooh B. Sangla  
C. Chini D. Hangrang  
किन्नौर पूर्व में महासू जिले की किस तहसील का हिस्सा था?

A. पूह B. सांगला  
C. चीनी D. हंगरंग

**Section - II (Q. No. 26 - 85)**

26. Medicinal oils are sterilized by which of the following method?  
A. Gamma radiation  
B. Moist heat sterilization  
C. Dry heat sterilization  
D. None of these
27. Plastic material is sterilized by  
A. Gamma Radiation  
B. Moist heat sterilization  
C. Dry Heat sterilization  
D. None of these
28. Which of the following is narcotic drug?  
A. Lysergic acid derivatives  
B. Digoxin  
C. Beclomethasone  
D. Probenecid
29. Which of following is the side effect of aspirin?  
A. Excess stomach acid secretion  
B. Heartburn  
C. Decreased blood platelets  
D. All of these
30. Which Tablet coating is required for acid protection in stomach?  
A. Sugar coating  
B. Film Coating  
C. Enteric coating  
D. Both A and B
31. Severe form of anaemia is known as  
A. Regenerative anaemia  
B. Cooley's anaemia  
C. Non regenerative anaemia  
D. Haemolytic anaemia
32. Keto sugars can be detected by  
A. Fehling test  
B. Benedict test  
C. Seliwanoff's test  
D. Aniline acetate test
33. Rancidity of fats is due to  
A. Hydrolysis of ester bond  
B. Hydrogenation of unsaturated bond  
C. Addition of halogen  
D. Substitution reaction
34. Vitamin K deficiency results in the disorder  
A. Dermatitis  
B. Retarded growth  
C. Colour blindness  
D. Defective blood clotting
35. Sodium hydroxide is commonly known as  
A. Slaked lime  
B. Spirit of salt  
C. Caustic soda  
D. Quick lime
36. Asafoetida is  
A. Alkaloid  
B. Oil  
C. Resin  
D. Tannin
37. A process of separation of molecules through the use of semi-permeable membrane is known as  
A. Osmosis  
B. Dialysis  
C. Sieving  
D. Diffusion
38. Tablet is film coated with  
A. Cellulose acetate phthalate  
B. Cellulose  
C. Hydroxy propylmethyl cellulose  
D. Carboxy methyl cellulose
39. Paracetamol is a derivative of:  
A. p-amino phenol  
B. Aryl acetic acid  
C. Aryl propionic acid  
D. Anthranilic acid
40. The phosphate antiviral agent is  
A. Ribavirin  
B. Didanosine ✓  
C. Ganciclovir  
D. Foscarnet

41. Which of the following metabolite of cyclophosphamide is responsible for its anti-tumour activity?
  - A. Phosphoramidate mustard
  - B. Acrolein
  - C. Aldo phosphamide
  - D. 4-hydroxy cyclophosphamide
42. Nut mug drug is obtained from
  - A. Male plant
  - B. Female plant
  - C. Both male and female plant
  - D. Hermaphrodite plant
43. Which one of these glands has both endocrine and exocrine function?
  - A. Liver
  - B. Pancreas
  - C. Parotid gland
  - D. Thyroid gland
44. Tonsils are present in
  - A. Pharynx
  - B. Larynx
  - C. Pancreas
  - D. Liver
45. The basic unit of kidney is
  - A. Glomerulus
  - B. Nephron
  - C. Loop of Henley
  - D. None of these
46. Choose ulcer protective agent
  - A. Lansoprazole
  - B. Sucralfate
  - C. Pirenzepine
  - D. Cimetidine
47. License for chemist shop is issued by
  - A. Drug Controller of India
  - B. Custom collector
  - C. State Drug Authority
  - D. Director of health services
48. Schedule N indicates
  - A. Drug used under medical supervision
  - B. Drugs marketed under generic names only
  - C. Minimum equipment needed for retail pharmacy
  - D. Life period of drugs
49. Menthol is the main constituent of the volatile oil of
  - A. Pinus leaf
  - B. Peppermint leaf
  - C. Clove buds
  - D. Rose marry
50. Which chemical constituent of *Papaver somniferum* is responsible for its smooth muscle relaxant property?
  - A. Morphine
  - B. Codeine
  - C. Papaverine
  - D. Narcotine
51. Endoscopy is used to investigate and diagnose
  - A. Angina pectoris
  - B. Peptic ulcer
  - C. Meningitis
  - D. All of these
52. Which eye infection is also called as 'Pink Eye' infection?
  - A. Fungal keratitis
  - B. Retinitis
  - C. Conjunctivitis
  - D. Myopia
53. Delayed disintegration in tablet is a result of
  - A. Large force of compression
  - B. Unusual force of compression
  - C. Higher amount of granule
  - D. Low amount of granule
54. Penicillin G is also known as
  - A. Phenoxymethylpenicillin
  - B. Phenoxypentylpenicillin
  - C. Benzylpenicillin
  - D. n-Heptylpenicillin
55. Which of the following has less aromatic character?
  - A. Pyrrole
  - B. Furan
  - C. Thiophene
  - D. All of these



56. Identify the drug that contains imidazole as a core nucleus
  - A. Clonidine
  - B. Naphazoline
  - C. Oxymetazoline
  - D. All of these
57. Purity of water can be measured with
  - A. HPTLC
  - B. HPLC
  - C. FTIR
  - D. Conductometer
58. In Radiopharmacy the term *Rem* means
  - A. Radiations per millisecond
  - B. Radiations per minute
  - C. Roentgen-equivalent-man
  - D. Roentgen exposure per minute
59. A term denoting dryness of the mouth is
  - A. Xerostomia
  - B. Xerotocia
  - C. Xeromenia
  - D. Xerophthalmia
60. Vaccines prepared from a patient's own infection is called
  - A. Monovalent vaccine
  - B. Polyvalent vaccine
  - C. Autogenous vaccine
  - D. Stock vaccine
61. The treatment of choice for leprosy is
  - A. Penicillin therapy
  - B. Sulfone therapy
  - C. Penicillin therapy
  - D. DOTS therapy
62. Passive immunity usually gives which of the following protection to the patient?
  - A. Complete for lifetime
  - B. Short term
  - C. Long term
  - D. Undetermined
63. Major mode of spread of vibrio cholera is
  - A. Water
  - B. Food
  - C. Physical contact
  - D. None of these
64. Blood bank comes under which schedule
  - A. F
  - B. H
  - C. W
  - D. R
65. Bougies are used for which application?
  - A. Intramuscular
  - B. Urethral
  - C. Rectal
  - D. Vaginal
66. Who coined the term Pharmacognosy?
  - A. Anotheus Seydler
  - B. Evans
  - C. Aristotle
  - D. Charles Darwin
67. Which of following reagent indicate the presence of alkaloids
  - A. Wagner reagent
  - B. Dragendorff's reagent
  - C. Hager's reagent
  - D. All of these
68. Which test is used to identify Tannins?
  - A. Litmus test
  - B. Ferric chloride test
  - C. Borntrager test
  - D. Goldbeater skin test
69. What is biological source of Ashwagandha?
  - A. *Withania somnifera*
  - B. *Veratrum album*
  - C. *Taxus baccata*
  - D. *Swertia chirata*
70. What class of chemical constituents are present in opium?
  - A. Glycosides
  - B. Tannins
  - C. Alkaloids
  - D. Lignans
71. Beta-oxidation of fatty acids occurs in
  - A. Golgi apparatus
  - B. Nucleus
  - C. Mitochondria
  - D. Endoplasmic reticulum



72. Which of following is/are sexually transmitted disease(s)?  
 A. Syphilis  
 B. Gonorrhoea  
 C. Both A and B  
 D. None of these
73. Which of following is not part of prescription?  
 A. Amount  
 B. Date  
 C. Superscription  
 D. Signature
74. Capsule number 00 contain approx. capacity of drug in mg  
 A. 250  
 B. 950  
 C. 650  
 D. 100
75. Sugar concentration present in syrups  
 A. 66.7 %  
 B. 96.2 %  
 C. 100 %  
 D. 50 %
76. Rolling and cold compression method used in preparation of  
 A. Syrups  
 B. Dusting powders  
 C. Suppositories.  
 D. Emulsion
77. Ethosuximide used in treatment of disease  
 A. Congestive heart failure  
 B. Cancer  
 C. Epilepsies  
 D. Arrhythmias
78. Which of the following drug is used in treatment of parkinsonism?  
 A. Streptomycin  
 B. Levodopa  
 C. Diphenhydramine  
 D. Amphotericin-B
79. Rifampicin is used in the treatment of which disease  
 A. Anaemia  
 B. Malaria  
 C. Syphilis  
 D. Tuberculosis
80. Heparin is produced by which of the following types of cells?  
 A. Mast cells  
 B. Plasma cells  
 C. RBC  
 D. Stem cells
81. Glyceryl trinitrate act as  
 A. CNS stimulant  
 B. Vasodilator  
 C. Antifungal  
 D. Antipyretic
82. Zinc oxide is used as  
 A. Astringent  
 B. Antioxidant  
 C. Antimicrobial  
 D. Carminative
83. What is pH of human blood?  
 A. 9.1-9.2  
 B. 7.4-7.5  
 C. 8.0-8.2  
 D. None of above
84. Which of following is the property of  $\text{KMnO}_4$ ?  
 A. Dull white powder with pungent smell  
 B. It is water insoluble and have typical smell  
 C. It is dark purple crystal with metallic lustre.  
 D. Transparent crystal with effloresces
85. Which of the following compound is not used as antacid?  
 A. Ammonium chloride  
 B. Aluminium hydroxide  
 C. Calcium carbonate  
 D. Magnesium carbonate